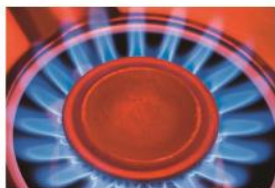


NISOURCE GAS DISTRIBUTION

Pipeline Safety & Compliance Damage Prevention

Ashley Donnini
Manager, Damage Prevention

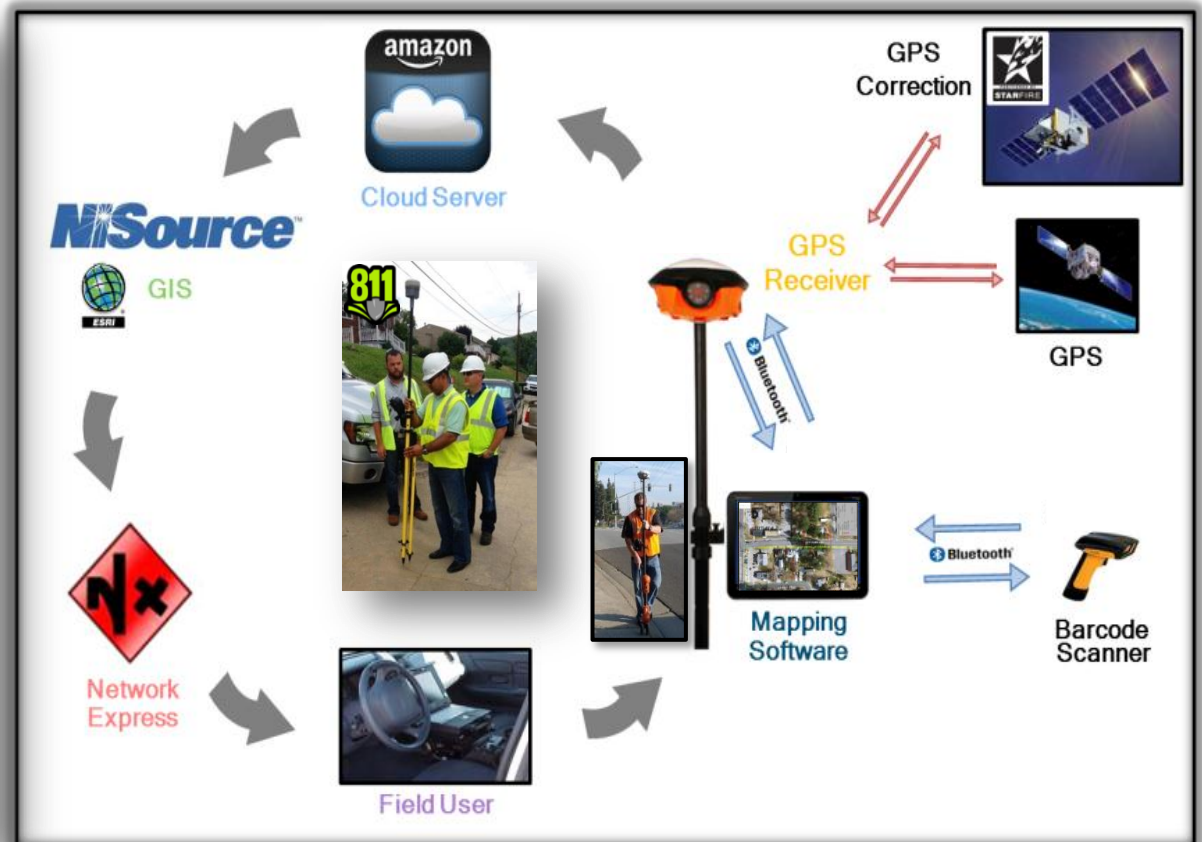
October 2013



Purpose & Goals

- Share a viable, breakthrough technology for gas facility mapping and records collection.
- Convey its versatile approach and potential impact to the industry.
- Provide information around its deployment readiness, scalability and sustainability.

Continual Improvement



Technology Overview

- Capability equal to and beyond that current platforms.
- Very versatile for a large range of NiSource facility mapping needs.
- Is a mature off-the-shelf platform ready for scaled deployment.



Critical Message: this is a “one solution fits many” approach to gas facility mapping. THIS IS A BREAKTHROUGH TECHNOLOGY that could forever change our industry.

Core Functionality

- **Collection of Exposed Facility**
 - Field verified mapping & records
 - New capital construction
 - O&M replacement projects
- **Collection Automation**
 - Legacy facility mapping initiatives
 - Leak survey mapping & tracking
 - Directional boring mapping
- **Multi-Purpose Use**
 - Critical Valve mapping
 - Regulator Station mapping
 - Miscellaneous feature capture
- **Locate Mapping**
 - Service Line mapping
- **Back Office Functionality**
 - QA/QC settings
 - Remote, real-time support

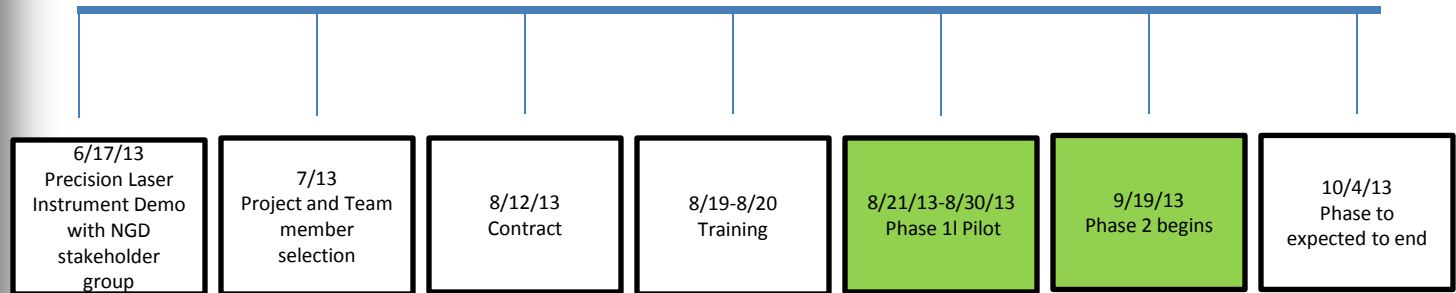


Deployment Readiness

- **High Degree of Versatility**
 - Equipment is modular and interchangeable (plug and play)
 - Designed for multi-purpose use in various conditions
 - Flexible to user skill level
- **Scalable**
 - Largest GPS equipment manufacturer
 - Off-the-shelf product (not prototypes)
 - Ready for deployment now
- **Supply Chain & Support**
 - Volume discount potential
 - Supports flexible enterprise supply chain standardization
 - Hundreds of product engineers
 - Certified dealer network for procurement, support, training, and service
 - Significant coverage within the NiSource footprint

The Latest Update

October 2013



Goal: Phase 2 for PA York will test workflow and process rigor in live construction environment.
Maintaining positive results. Currently deployed in field with remote support from project team.

Important Dates

8/30	Phase 1 completion Location: Canonsburg, PA
8/30-9/18	Technology Review and Evaluation 1 Results: Confidence confirmed in system capabilities
9/19	Projected Phase 2 start Location: York, PA

More Information

- Capability equal to and beyond that of *Intelligent Utility* platform tested in 2012 Virginia GPS Pilot.
- Very versatile for a large range of NiSource facility mapping needs.
- Is a mature off-the-shelf platform ready for scaled deployment.
- Accuracy level: +/- 2cm
- Trimble based equipment
- PLI website: <http://www.laserinst.com/>

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